

IN THE CLAIMS

Please amend claims 1 and 2 as follows.

1. (Currently Amended) A nonaqueous electrolyte rechargeable battery comprising:

an electrode group including a positive electrode plate having including a positive electrode current collector and a positive electrode material, a negative electrode plate, the positive and negative electrode plates being superposed and wound with a separator interposed therebetween;

an electrolyte; and

a battery case for accommodating the electrode group and the electrolyte; wherein:

corona discharge treatment is performed on ~~one of the positive electrode material and the positive electrode plate~~ the positive electrode material.

2. (Currently Amended) The nonaqueous electrolyte rechargeable battery according to claim 1 further comprising a negative electrode material, wherein corona discharge treatment is performed on one of the negative electrode material and the negative electrode plate.

3. (Previously Presented) The nonaqueous electrolyte rechargeable battery according to claim 1, wherein corona discharge treatment is performed on the separator.

4. (Previous Presented) The nonaqueous electrolyte rechargeable battery according to claim 2, wherein corona discharge treatment is performed on the separator.

Please add the following new claims 5 - 11:

5. (New) The nonaqueous electrolyte rechargeable battery according to claim 1, wherein the corona discharge treated positive electrode material is coated on the positive electrode current collector.

6. (New) The nonaqueous electrolyte rechargeable battery according to claim 1, wherein the positive electrode current collector is made of aluminum.

7. (New) The nonaqueous electrolyte rechargeable battery according to claim 1, wherein the positive electrode material is one or more of LiCoO_2 , LiMn_2O_4 , LiNiO_2 .

8. (New) The nonaqueous electrolyte rechargeable battery according to claim 2, further comprising a negative electrode current collector.

9. (New) The nonaqueous electrolyte rechargeable battery according to claim 2, wherein the negative electrode material is one or more of graphite, petroleum coke, carbon fiber, or organic polymer sintered products.

10. (New) The nonaqueous electrolyte rechargeable battery according to claim 2, wherein the negative electrode material is a mixture of artificial graphite and styrene butadiene rubber.

11. (New) The nonaqueous electrolyte rechargeable battery according to claim 8, wherein the negative electrode current collector is made of copper foil.